Inde	x of	Clain	าร

Application/Control No.

09/902,060 Examiner

Reexamination

Applicant(s)/Patent under

COLLINS ET AL.

Art Unit

Patrick G. Wamsley

2819

√	Rejected
II	Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α Objected

The color of the	Cla	aim	Γ			- (Date	<u>—</u>					Cla	im	-				Date		_
1 1 1 2 			2/6/06										Final	Original							
2 - 7 3 5 4 6 5 2 6 3 7 4 8 8 9 10 - 9 11 12 - 16 13 14 14 15 15 15 15 15 15 10 6 11 17 12 18 13 19 20 - 17 21 22 2 23 24 21 25 22 26 18 27 19 28 20 29 24 30 33 34 34 4 48 99	1		=	_	┝	-	-	-	<u> </u>		-			51	\dashv	\dashv				\vdash	┞
7 3 = 53 54 6 5 = 54 6 5 55 55 55 55 55 55 55 55 55 55 55 55 55 56 3 7 2 66 60 9 10 - 9 60 9 9 11 = 60 60 9 9 11 = 62 61 61 61 62 61 61 62 63 63 63 64 64 64 64 64 64 64 64 65 65 65 65 65 65 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 67 70			-											52	\Box					П	Γ
5 4 = 54 55 56 56 56 56 51 51 51 51 51 51 55 56 56 56 56 51	7	3	=				Г								\Box					П	r
6 5 = 55 56 3 7 = 56 3 7 = 57 3 4 8 = 57 3 58 8 9 = 58 8 9 = 58 8 9 59 9 9 11 10 60 9 9 11 12 12 12 12 12 12 12 12 12 12 12 12 12 13 14 14 14 14 14 14 14 14 15 15 15 16 16 13 14			=			Г	ऻ	<u> </u>							\Box						Γ
2 6 = 3 7 = 57 58 58 58 59 58 59 60 60 60 60 60 60 <td></td> <td></td> <td>=</td> <td></td> <td>Г</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\neg</td> <td></td> <td></td> <td></td> <td></td> <td>r</td>			=		Г		1									\neg					r
3 7 = 57 58 58 58 59 50 60 60 60 61 61 61 62 66 66 61 61 61 66 66 66 67 70 70 71 72 72 72 73 73 73 73 73 73 73 73 73			=		T	T	1	\vdash												П	r
4 8 = 58 59 10 - - 60 - 60 - - 60 - - 60 - - 60 - - 60 - - 60 - - 60 - - 60 - - 60 - - 60 - - 60 - - 61 - 62 - - - 62 - - - 62 - - - 63 - - - 63 - - - 66 - - - 65 - - - 65 - - - 65 - - - 66 - <t< td=""><td>3</td><td></td><td>=</td><td></td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>T</td><td>7</td><td></td><td></td><td></td><td></td><td>r</td></t<>	3		=		<u> </u>										T	7					r
8 9 = 59 60 60 9 11 = 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 61 61 61 61 61 61 61 61 62 61 61 61 62 61 61 61 62 63 63 63 63 63 64 64 64 61 61 66 61 61 61 66 61 61 66 61 61 61 66 61 61 61 66 61 61 61 66 61 61 66 61 61 66 61 61 61 66 61 61 61 66 67 71 72 72 72 72 73 73 73 73 73 73 73 73 73 73 73 73 74 74 74 74 74 74 74 74 74 </td <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td>┰</td> <td></td> <td></td> <td>Г</td> <td></td> <td></td> <td></td> <td></td> <td>\Box</td> <td>一</td> <td></td> <td></td> <td></td> <td>Г</td> <td>r</td>			=				┰			Г					\Box	一				Г	r
10			=		Т	\vdash	Т		<u> </u>						\Box	T	_			Г	Γ
9 11 =			-			T	Т	_													r
12	9					Т	Т		-					61	\Box	ヿ				П	T
16 13 = 14 14 = 15 15 = 10 16 = 11 17 = 12 18 = 13 19 = 20 - - 17 21 = 22 - - 23 24 = 21 25 = 22 26 = 18 27 = 22 26 = 18 27 = 20 29 = 24 30 = 31 31 80 32 33 84 33 84 84 35 85 85 36 86 86 37 88 88 39 40 90 41 41 91 42 92 92 43 94 44			-			T	T			_											r
14 14 = 64 65 15 15 = 65 66 67 10 16 = 67 67 67 67 67 67 67 67 67 68 69 70 70 71 71 72 73	16		_	\vdash	-	T	Т		_	\Box	_										t
15 15 = 10 16 = 11 17 = 12 18 = 13 19 = 20 - 70 17 21 = 23 24 = 21 25 = 22 26 = 18 27 = 19 28 = 20 29 = 24 30 = 33 34 84 35 36 85 36 86 87 38 89 99 40 90 90 41 91 92 43 94 94 45 96 97 48 99 99			=	一			Г													П	t
10 16 = 66 67 11 17 = 68 68 69 13 19 = 68 69 70 70 70 71 72 72 73 73 73 73 73 73 73 74 74 74 74 74 74 74 75 75 75 75 76 78 76 78 79			=	\vdash			lТ									╗		_			T
11 17 = 12 18 = 13 19 = 20 - - 17 21 = 22 - - 23 24 = 21 25 = 22 26 = 18 27 = 19 28 = 20 29 = 24 30 = 31 31 32 33 33 83 36 37 38 84 37 88 39 90 40 90 41 91 42 92 43 94 45 96 46 97 47 97 48 98			▗	 		Н	 	┢	Т		-					一			-		T
12 18 = 68 69 70 71 72 70 71 72 73 74			-	\vdash	╁	┢	H		-							_				Г	t
13 19 = 69 70 17 21 = 70 71 71 72 73 74 75 75 75 75 75 75 75 75 76 76 76 77 77 77 79			—	一	-	1	H			\vdash	\vdash				$\overline{}$	\neg			_		t
20 - 70 17 21 = 71 22 - 72 23 24 = 74 21 25 = 75 22 26 = 76 18 27 = 77 19 28 = 78 20 29 = 79 24 30 = 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98	13		-	┢╾	H	t	1-	\vdash	\vdash	-	\vdash				\vdash	一				一	t
17 21 = 71 72 73 73 73 73 73 73 74 74 74 74 74 75 75 75 75 75 75 76 77 77 77 77 79 78 79	 10		⊢	\vdash	┢	\vdash	\vdash	\vdash	-	-	-				1	一			H	一	t
22 - 72 23 - 73 21 25 = 75 22 26 = 76 18 27 = 77 19 28 = 78 20 29 = 80 31 32 33 34 34 34 34 34 35 36 36 36 36 36 36 37 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39	17			_	\vdash	_	一	_			┢					\neg			_	Г	t
23 - 73 23 24 - 21 25 - 22 26 - 18 27 - 19 28 - 20 29 - 24 30 - 31 80 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98	 '''	22	_	-	┢	\vdash	╁	H	_		<u> </u>			72	\dashv	一	-			\vdash	t
23 24 = 74 75 21 25 = 76 76 18 27 = 77 77 77 19 28 = 79 24 30 = 80 81 81 82 83 83 83 83 83 83 83 84 84 84 84 84 85 86 86 86 87 88 88 89 8	\vdash	23	-	-	┢	H	┢	 	-	_	-			73	\vdash	\dashv		_	-	т	t
21 25 = 75 76 18 27 = 77 77 77 77 77 78 78 79	23		_	-	\vdash	╁	\vdash	\vdash		\vdash	\vdash			74					-	\vdash	H
22 26 = 76 77 18 27 = 77 77 19 28 = 78 79 24 30 = 80 81 31 82 83 83 33 84 84 84 35 86 86 87 38 86 87 88 39 89 90 90 41 91 91 92 43 93 94 94 45 96 96 97 48 98 99	21		_	-	\vdash	\vdash	╁	┝			\vdash					\dashv			-	Н	t
18 27 = 77 78 20 29 = 79 24 30 = 80 81 81 82 83 83 83 83 83 84 84 85 86 85 86 86 87 88 88 89			-	_	\vdash	H	┢	 		\vdash	┢				\neg	\dashv			_	$\overline{}$	t
19 28 = 78 79 24 30 = 80 81 31 82 82 83 33 83 84 84 35 85 86 87 38 86 88 89 40 90 90 90 41 91 91 92 43 93 94 94 45 96 96 97 48 98 99			_		<u> </u>		-	_		_	<u> </u>				\Box	7			<u> </u>	П	r
20 29 = 79 80 24 30 = 80 81 31 82 82 83 33 84 84 84 35 85 86 86 37 87 88 89 40 90 90 90 41 91 91 92 43 93 94 94 45 95 95 96 47 97 98 98 49 99 99 99					\vdash	一	╁	Т		_						一			_	Г	t
24 30 = 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=	_		Г					_								_	П	r
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=			<u> </u>		_	-											Г	r
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			-	-	\vdash	Г	1			\vdash					\Box	\neg			_	\vdash	t
33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				_	\vdash	\vdash	\vdash				_					1			_	П	T
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash		<u> </u>			┢	\vdash	1						83			_				t
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash		\vdash	┢	-	Н			 					T				Г	t
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			H	\vdash	Г	Т	F	T	†						H				T		t
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		36	İТ			Н	\vdash	<u> </u>	<u> </u>		\vdash				\Box			Т	<u> </u>	Г	t
38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			T	I^-	\vdash	 	1	T	t	<u> </u>	╁┈				H				t		t
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			H	 	Т	\vdash	Т	<u> </u>	<u> </u>		Н				\vdash					Г	t
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			┪	 	t^-	H	\vdash	┢	I^-	\vdash	\vdash				H	+		-	T	\vdash	t
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			t	T	T		t^-	\vdash	T	<u> </u>	_				H				T -	Г	t
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			Т	Г	\vdash	Т	Τ	T	 							\dashv					T
43 93 44 94 45 95 46 96 47 97 48 98 49 99		42					Г		Г					92	П	一			Π	Г	T
44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	T	T	Г	t-	Г	Г	Г				93	П	\neg		-		Г	T
45			Г	r		Г	Г	Г	Ι_							一					T
46			T	 	T	Г	Г		Ι_		Г					\neg				Г	T
47		46	T					Ι	Г	Г	Г			96	П	\dashv				\Box	r
48 98 99 99 99 99 99 99 99 99 99 99 99 99		47	Г	\vdash	Г	⇈	\vdash	<u> </u>	Г	Г				97	1	\dashv		Г		Г	t
49 99					 	\vdash		T -	<u> </u>						1	寸	-	<u> </u>		П	t
			Г				П	T	Ι					99	\sqcap				<u> </u>		٢
			Π	Г	Г	Г	Г	Γ							\Box				Ī	Г	Γ

Cla	aim	Date									
	Original										
Final											
	51										
	51 52 53										
	53										
	54										
	54 55										
	56										
	57 58										
	58										
	59				_						
	60				$oxed{oxed}$						
	61										
	62						_		_		
<u> </u>	63	_								_	
	64					<u> </u>		<u> </u>		<u> </u>	
	65				L	L		<u> </u>		_	
ļ	66			_		ļ		<u> </u>	<u> </u>	L_	
ļ	67				<u> </u>	_		L.	<u> </u>	L	
<u> </u>	68 69							_	<u> </u>		
<u> </u>	69								_	_	
<u> </u>	70			_			_	_	<u> </u>	<u> </u>	
ļ	71			_	_	L	_	_	<u> </u>	╙	
	71 72 73				<u> </u>	-		_	_	<u> </u>	
<u> </u>	73				H	-	_	<u> </u>	_	_	
-	75		-		H	-	_		H	<u> </u>	
-	74 75 76 77		_		\vdash			-	-		
-	77	_		_	Н	-					
-	78					-	-	_			
-	79							\vdash	_		
	80	_							_		
	81		-								
	82										
	82 83			_				\Box		Г	
	84										
	85										
	86										
	87										
	88								<u> </u>	_	
<u> </u>	89						L		_	L	
L	90				L.			<u> </u>	<u> </u>	L_	
	91		Ш	<u> </u>		_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>	<u> </u>	<u> </u>	
	92	L	_	_	<u> </u>				<u> </u>	<u> </u>	
-	93	<u> </u>	<u> </u>	_		-		<u> </u>	<u> </u>	<u> </u>	
-	94	<u> </u>	<u> </u>	L.	ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	├-	
<u> </u>	95	\vdash	<u> </u>	\vdash		\vdash	\vdash	<u> </u>	├	<u> </u>	
-	96 97		<u> </u>	<u> </u>	 	\vdash	\vdash	-		\vdash	
\vdash	98	-	Н	-	-	\vdash	Н	ļ	<u> </u>	\vdash	
\vdash	99	\vdash	-	-	\vdash	<u> </u>	-	\vdash	-	-	
-	100	\vdash		-	\vdash		\vdash	H	├─		

Cla				[Date	9			\neg	
Final	Original									
Ē	rig			ļ						
			İ							
	101									
	102			Г						
	101 102 103									
	104									
	105 106 107			Г						
	106				_					
	107									
	108 109									
	109									
	110									
	111									
	111 112									
	113 114 115									
	114									
	115									
	116 117 118									
	117									
	118									
	119						Г			
	120	Г								
	121	Г		Г						П
	122									П
	123							Г		
	119 120 121 122 123 124 125 126					Г				
	125					Г				
	126									
	127									
	128								Г	
	129									
	127 128 129 130 131									
	131				Г					
	132									
	132 133									
	134									
	135				L					
	135 136									
	137									
	138 139									
	139									
	140		L				Ĺ			
	141									
	142									
	143						L			
	144						L			
	145									
	146									
	147									
	148									П
	149									П
	150	Γ			<u> </u>		Г		<u> </u>	П
			_			۰	-		_	